SCANAL Columbia County New Building Permit Application

For Office Use Only Application # 1907-23 Date Received 7/8 By W Permit # 38378
Zoning Official Date 7-/6-19 Flood Zone X Land Use A6 Zoning A-3
FEMA Map # N/A Elevation N/A MFE N/A River N/A Plans Examiner 7.6 Date 7-16-19
Comments Non Habitable Storage Bldg. Front 30' Sides 25' Acar 25'
NOC #EH Deed or PA Site Plan - State Road Info
Dev Permit # □ In Floodway □ Letter of Auth. from Contractor □ F W Comp. letter
Owner Builder Disclosure Statement Land Owner Affidavit Ellisville Water App Fee Paid Sub VF Form
Septic Permit No. V 19-385-6 SR City Water Fax
Applicant (Who will sign/pickup the permit) LAWRENCE C. ANNEN Phone 863-205-1967
Address 158 S.W. CHIPPEWA GLEN FORT WHOTE PL. 32038
Owners Name LAWRENCE C. ANNEN + Shere AUNEN Phone 863-205- 1967
911 Address 158 S.W. CHIPPEWA GLEN FORT WHITE FL 32038
Contractors Name Lawrence C. Annen Phone 863-255-1967
Address 15\$ SW Chippens Gles Fort white, FL 321038
Contractor Email 19 (ry 9 non pgmail. Com ***Include to get updates on this job.
Fee Simple Owner Name & Address
Bonding Co. Name & Address
Architect/Engineer Name & Address Moore / PE 1009 EAST AVE NORTH AGUSTA S.C. 29841
Mortgage Lenders Name & Address None
Circle the correct power company FL Power & Light Clay Elec. Suwannee Valley Elec. Duke Energy
Circle the correct power company FL Power & Light Clay Elec. Suwannee Valley Elec. Duke Energy Property ID Number 03-65-16-03766-127 Estimated Construction Cost \$11,052
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Circle the correct power company FL Power & Light Clay Elec. Suwannee Valley Elec. Duke Energy Property ID Number 03-65-16-03766-127 Estimated Construction Cost 11,052 Subdivision Name Apparables Trace unrec Lot 27 Block Unit Phase Driving Directions from a Major Road FROM HMY 47 & HERLANG GO EAST ON HERLANG YAMI. TURN NORTH ON APPALACHES TRACE (PRIVATE RD) YAMI TO S.W. CHIPPEWA GLN.
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Circle the correct power company FL Power & Light Clay Elec. Suwannee Valley Elec. Duke Energy Property ID Number 03-65-16-03766-127 Estimated Construction Cost 11,052 Subdivision Name APPALACIES TRACE UNREC Lot 27 Block Unit Phase Driving Directions from a Major Road FROM HMY 47 HERLONG GO EAST ON HERLONG YMI. TURN NORTH ON APPALACIES TRACE (PRIVATE RD) YMI TO S.W. CHIPPEWA GLN. TURN EAST, FIRST DRIVE ON RIGHT, MARKED 158 AT GATE. Construction of GARAGE RESIDENTAL Commercial OR Residential Proposed Use/Occupancy VEHICLE STORAGE Number of Existing Dwellings on Property Is the Building Fire Sprinkled? NO If Yes, blueprints included Or Explain Circle Proposed Culvert Permit Or Culvert Waiver Or D.O.T. Permit Or Have an Existing Drive Circle Proposed Culvert Permit Or Culvert Waiver Or D.O.T. Permit Or Culvert Waiver D.O.T. Permit Or Culvert Culvert
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Circle the correct power company FL Power & Light Clay Elec. Suwannee Valley Elec. Duke Energy Property ID Number 03-65-16-03766-127 Estimated Construction Cost 11,052 Subdivision Name APPALACHEE TRACE UNREC Lot 27 Block Unit Phase Driving Directions from a Major Road FROM HMY 47 HERLONG GO EAST ON HERLONG YMI. TURN NORTH ON APPALACHEE TRACE (PRIVATE RD) YMI TO S.W. CHIPPEWA GLN. TURN EAST, FIRST DRIVE ON RIGHT, MARKED 158 AT GATE. Construction of GARAGE RESIDENTAL Commercial OR Residential Proposed Use/Occupancy VEHICLE STORAGE Number of Existing Dwellings on Property Is the Building Fire Sprinkled? NO If Yes, blueprints included Or Explain Circle Proposed Culvert Permit Or Culvert Waiver Or D.O.T. Permit Or Have an Existing Drive Circle Proposed Culvert Permit Or Culvert Waiver Or D.O.T. Permit Or Culvert Waiver D.O.T. Permit Or Culvert Culvert

Columbia County Building Permit Application

CODE: Florida Building Code 2017 and the 2014 National Electrical Code.

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

TIME LIMITATIONS OF APPLICATION: An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless pursued in good faith or a permit has been issued.

<u>TIME LIMITATIONS OF PERMITS:</u> Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment: According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO CONTRACTOR AND AGENT: YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

<u>WARNING TO OWNER:</u> YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

<u>OWNERS CERTIFICATION:</u> I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

<u>NOTICE TO OWNER:</u> There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. You must verify if your property is encumbered by any restrictions or face possible litigation and or fines.

encumbered by any restrictions of re	ace possible inigation and or fine	.
LAWRENCE C. ANNEN	Al Com	**Property owners <u>must sign</u> here <u>before</u> any permit will be issued.
Print Owners Name	Owners Signature	
**If this is an Owner Builder Permit A	Application then, ONLY the owner	r can sign the building permit when it is issued.
	all the above written respons	gree that I have informed and provided this ibilities in Columbia County for obtaining nitations.
		\
On other standard Claus at una		ctor's License Number
Contractor's Signature		ia County tency Card Number
Affirmed under penalty of perjury to I	by the <u>Contractor</u> and subscribed	before ne this day of 20
Personally known or Produced	Identification	<u> </u>
	SEAL:	
State of Florida Notary Signature (Fo	r the Contractor)	

Inst. Number: 201912002022 Book: 1377 Page: 341 Page 1 of 1 Date: 1/25/2019 Time: 8:30 AM P.DeWitt Cason Clerk of Courts, Columbia County, Florida Doc Deed: 322.00

General Warranty Deed

AMERICAN TITLE SERVICES 321 SW MAIN BLVD, STE 105 LAKE CITY, FLORIDA 32025

Made this January 2, 2019 A.D.

By JOHN DIMAURO, and MARY DIMAURO, his wife, whose address is: 6923 SW Cinnamon Court, Stuart, Florida 34997, hereinafter called the grantor,

To LAWRENCE C. ANNEN, and SHEREE A. ANNEN, his wife, whose post office address is: 1826 Gray Street South, Gulfport, Florida 33707, hereinafter called the grantee:

(Whenever used herein the term "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)

Witnesseth, that the grantor, for and in consideration of the sum of Ten Dollars, (\$10.00) and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in Columbia County, Florida, viz:

LOT 27 - APPALACHIE TRACE (unrecorded)
SECTION 3, TOWNSHIP 6 SOUTH, RANGE 16 EAST

SECTION 3: Commence at the Southeast corner of Section 3, Township 6 South, Range 16 East, Columbia County, Florida and run North 01° 18' 53" West along the East line of said Section 3 a distance of 752.75 feet; Thence South 87° 37' 11" West, 1158.70 feet to the Point of Beginning; Thence continue South 87° 37' 11" West, 579.35 feet to a point on the Easterly line of a private road; Thence North 01° 18' 41" West, along said Easterly line, 752.77 feet to its intersection with the Southerly line of another private road; Thence North 87° 37' 11" East, along said Southerly line, 579.35 feet; Thence South 01° 18' 41" East, 752.77 feet to the Point of Beginning. IN COLUMBIA COUNTY, FLORIDA.

SUBJECT TO: Easements for utilities across the North 15.00 feet and the West 15.00 feet thereof.

Parcel ID Number: R03766-127

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances except taxes accruing subsequent to December 31, 2019.

In Witness Whereof, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Witness Printed Name KWSHIP R. TUES

Witness Printed Name Miguel Santos

State of FLORIDA
County of Western

JOHN DIMAURO

Address: 6923 SW Cinnamon Court, Stuart, Florida 34997

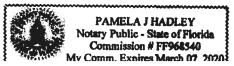
Address: 0925 S W Chinamion Court, Stuart, Florida 3499/

Inst: 201912002022 Date: 01/25/2019 Time: 8:30AM Page 1 of 1 B: 1377 P: 341, P.DeWitt Cason, Clerk of Court Columbia, County, By: BD

(Seal)

Deputy ClerkDoc Stamp-Deed: 322.00

The foregoing instrument was acknowledged before me this day of January, 2019, by JOHN DIMAURO, and MARY DIMAURO, his wife, who is/are personally known to me or who has produced DRIVERS LICENSES as identification.



Notary Public
P
Name: Pamela J Hadley

n

District No. 1 - Ronald Williams District No. 2 - Rocky Ford District No. 3 - Bucky Nash District No. 4 - Toby Witt District No. 5 - Tim Murphy



BOARD OF COUNTY COMMISSIONERS O COLUMBIA COUNTY

Address Assignment and Maintenance Document

To maintain the county wide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for addressing and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Services Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County

Date/Time Issued:

1/31/2019 4:30:10 PM

Address:

158 SW CHIPPEWA Gln

City:

FORT WHITE

State:

FL

Zip Code

32038

Parcel ID

03766-127

REMARKS: Address Verification.

NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION AND ACCESS INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION AND/OR ACCESS INFORMATION BE FOUND TO BE IN ERROR OR CHANGED. THIS ADDRESS IS SUBJECT TO CHANGE.

Address Issued By:

Signed:/ Matt Crews

Columbia County GIS/911 Addressing Coordinator

COLUMBIA COUNTY
911 ADDRESSING / GIS DEPARTMENT

263 NW Lake City Ave., Lake City, FL 32055 Telephone: (386) 758-1125 Email: gis@columbiacountyfla.com

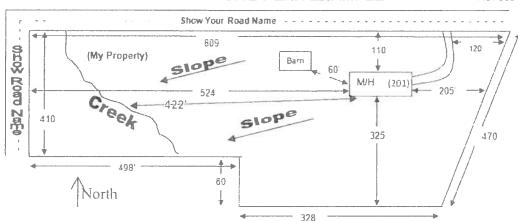
- 2) Footprint of proposed and existing structures (including decks), label these with existing addresses
- 3) Distance from structures to all property lines
- 4) Location and size of easements
- 5) Driveway path and distance at the entrance to the nearest property line
- 6) Location and distance from any waters: sink holes; wetlands; and etc.
 - _7) Show slopes and or drainage paths
- ___8) Arrow showing North direction

SITE PLAN EXAMPLE

Revised 7/1/15

NOTE:

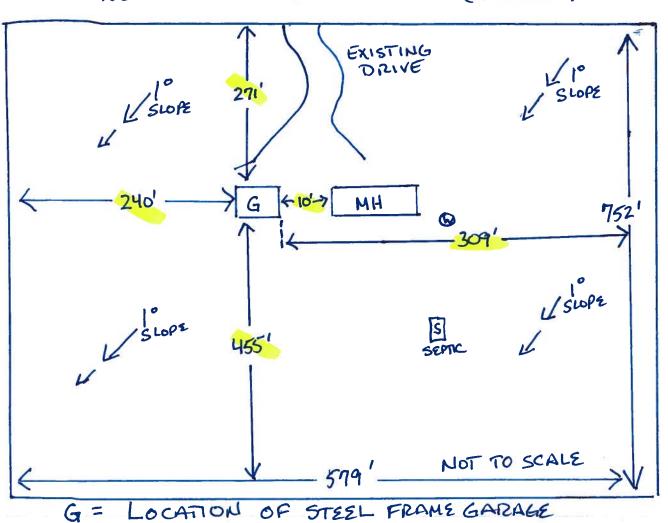
This site plan can be copied and used with the 911 Addressing Dept. application forms.



158 S.W. CHIPPEWA GLEN

LOT 27

(PRIVATE RD)



4N

APPRIACHIE TRACE (PRIVATE RD)

NOTICE OF COMMENCEMENT

Clerk's Office Stamp

Tax Parcel Identification Number:

Inst: 201912015503 Date: 07/08/2019 Time: 10:13AM
Page 1 of 1 B: 1388 P: 572, P.DeWitt Cason, Clerk of Court Colum
County, By: BD
Deputy Clerk

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is provided in this NOTICE OF COMMENCEMENT.

1. Description of property (legal description): 03-65-16-03766-127 APPALACHEE TRACE UNREC
a) Street (job) Address: 158 S.W. CHIPPEUM GLEN FORT WHITE FL 32038
2. General description of improvements:
3. Owner Information or Lessee information if the Lessee contracted for the improvements: a) Name and address: LAWRENCE C. A NNEN 158 S.W. CHIPPEUS GLEN FT.WHITE FL32038 b) Name and address of fee simple titleholder (if other than owner) c) Interest in property
4. Contractor Information a) Name and address: 5/A LAWTENCE C. ANNEN
b) Telephone No.: 663 803 110
5. Surety Information (if applicable, a copy of the payment bond is attached): a) Name and address: b) Amount of Bond: c) Telephone No.:
5 leader
a) Name and address: N/A
b) Phone No
8. In addition to himself or herself, Owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(I)(b), Florida Statutes: a) Name: OF OF b) Telephone No.:
9. Expiration date of Notice of Commencement (the expiration date will be 1 year from the date of recording unless a different date is specified):
WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY; A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.
STATE OF FLORIDA
COUNTY OF COLUMBIA 10 Signature of Owner or Lessee, or Owner's or Lessee's Authorized Office/Director/Partner/Manager
Signature of Owner or Lessee, or Owner's or Lessee's Authorized Unice/Director/Partner/Wallage
Printed Name and Signatory's Title/Office
The foregoing instrument was acknowledged before me, a Florida Notary, this day of July 2019 by:
(Name of Person) (Type of Authority) (name of party on behalf of whom Instrument was executed)
Personally Known OR Produced Identification Type July 21 A550-51 Notary Public - State of Florida Commission # FF 237103 Notary Signature David L Buth Notary Stamp or Seal: Notary Signature Produced Identification Type David 21 A550-51 Notary Signature Produced Identification Notary Stamp or Seal:



COLUMBIA COUNTY BUILDING DEPARTMENT

135 NE Hernando Ave., Suite B-21 Lake City, FL 32055

Office: 386-758-1008 Fax: 386-758-2160

OWNER BUILDER DISCLOSURE STATEMENT

I understand that state law requires construction to be done by a licensed contractor and have applied for an owner-builder permit under an exemption from the law. The exemption specifies that I, as the owner of the property listed, may act as my own contractor with certain restrictions even though I do not have a license.

I understand that building permits are not required to be signed by a property owner unless he or she is responsible for the construction and is not hiring a licensed contractor to assume responsibility.

I understand that, as an owner-builder, I am the responsible party of record on a permit. I understand that I may protect myself from potential financial risk by hiring a licensed contractor and having the permit filed in his or her name instead of my own name. I also understand that a contractor is required by law to be licensed and bonded in Florida and to list his or her license numbers on permits and contracts.

I understand that I may build or improve a one-family or two-family residence or farm outbuilding. I may also build or improve a commercial building if the costs do not exceed \$75,000. The building or residence must be for my own use or occupancy. It may not be built or substantially improved for sale or lease. If a building or residence that I have built or substantially improved myself is sold or leased with in 1 year after the construction is complete, the law will presume that I built or substantially improved it for sale or lease, which violates the exemption.

I understand that, as the owner-builder, I must provide direct, onsite supervision of the construction.

I understand that I may not hire an unlicensed person to act as my contractor or to supervise persons working on my building or residence. It is my responsibility to ensure that the persons whom I employ have the licenses required by law and by county or municipal ordinance.

I understand that it is frequent practice of unlicensed persons to have the property owner obtain an owner-builder permit that erroneously implies that the property owner is providing his or her own labor and materials. I, as an owner-builder, may be held liable and subjected to serious financial risk for any injuries sustained by an unlicensed person or his or her employees while working on my property. My homeowner's insurance may not provide coverage for those injuries. I am willfully acting as an owner-builder and am aware of the limits of my insurance coverage for injuries to workers on my property.

I understand that I may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on my building who is not licensed must work under my direct supervision and must be employed by me, which means that I must comply with laws requiring the withholding of federal income tax and social security contributions under the Federal Insurance Contributions Act (FICA) and must provide workers' compensation for the employee. I understand that my failure to follow these laws may subject me to serious financial risk.

I agree that, as the party legally and financially responsible for this proposed construction activity, I will abide by all applicable laws and requirements that govern owner-builders as well as employers. I also understand that the construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

I understand that I may obtain more information regarding my obligations as an employer from the Internal Revenue Service, the United States Small Business Administration, the Florida Department of Financial Services, and the Florida Department of Revenue. I also understand that I may contact the Florida Construction Industry Licensing Board at 850-487-1395 or Internet website address http://www.myfloridalicense.com/dbpr/formore Information about licensed contractors.

I am aware of, and consent to, an owner-builder building permit applied for in my name and understand that I am the party legally and financially responsible for the proposed construction activity at the following address:

158 SW Chippewa GIN

I agree to notify Columbia County Building Department immediately of any additions, deletions, or changes to any of the information that I have provided on this disclosure. Licensed contractors are regulated by laws designed to protect the public. If you contract with a person who does not have a license, the Construction Industry Licensing Board and Department of Business and Professional Regulation may be unable to assist you with any financial loss that you sustain as a result of a complaint. Your only remedy against an unlicensed contractor may be in civil court. It is also important for you to understand that, if an unlicensed contractor or employee of an individual of firm is injured while working on your property, you may be held liable for damages. If you obtain an owner-builder permit and wish to hire a licensed contractor, you will be responsible for verifying whether the contractor is properly licensed and the status of the contractor's workers' compensation coverage.

I understand that if I hire subcontractors they must be licensed for that type of work in Columbia County, ex: framing, stucco, masonry, and state registered builders. Registered Contractors must have a minimum of \$300,000.00 in General Liability insurance coverage and the proper workers' compensation. Specialty Contractors must have a minimum of \$100,000.00 in General Liability insurance coverage and the proper workers' compensation coverage.

Before a building permit can be issued, this disclosure statement must be completed and signed by the property owner and returned to Columbia County Building Department.

TYPE OF CONSTRUCTION

stated above.

Building Official/Representative

Revised: 7-1-15 DISCLOSURE STATEMENT 15 Documents: B&Z Forms

Legend

2018Aerials

Contours

default(Contours.shp) DEFAULT

2018 Flood Zones

0.2 PCT ANNUAL CHANCE

O A

AE

■ AH Parcels

Roads

Roads

others

Dirt

Interstate

Main Other

Paved

Private

DevZones1 others

□ A-1

□ A-2

□ A-3

D CG

CHI

CI CI

O CN CSV

□ ESA-2

MUD-I

PRD PRRD

RMF-1

RMF-2

R0

RR RR

RSF-1

RSF-2

RSF-3

RSF/MH-1

RSF/MH-2

RSF/MH-3

DEFAULT

Addressing:2018 Base Flood Elevations Group Parcel No: 03-6S-16-03766-127

2018 Base Flood Elevations

DEFAULT

Base Flood Elevations

2018 Base Flood Elevation Zones

0.2 PCT ANNUAL CHANCE

AE

AH

Columbia County, FLA - Building & Zoning Property Map

Printed: Tue Jul 16 2019 07:24:56 GMT-0400 (Eastern Daylight Time)



Parcel Information

Owner: DIMAURO JOHN & MARY Subdivision: APPALACHIE TRACE UNR

Lot:

Acres: 10.0163927 Deed Acres: 10.01 Ac

District: District 5 Tim Murphy Future Land Uses: Agriculture - 3

Flood Zones:

Official Zoning Atlas: A-3



STRUCTURAL DESIGN

ENCLOSED BUILDING EXPOSURE B

MAXIMUM 30'-0" WIDE X 20'-0" EAVE HEIGHT- BOX EAVE FRAME AND BOW FRAME

18 December 2017 Revision 4 M&A Project No. 16022S/17300S

Prepared for:

Tubular Building Systems, LLC 631 SE Industrial Circle Lake City, Florida 32025

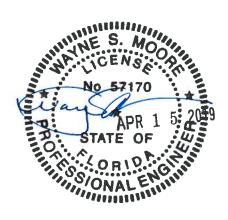
Prepared by:

Moore and Associates Engineering and Consulting, Inc. 1009 East Avenue North Augusta, SC 29841

> 401 S. Main Street, Suite 200 Mount Airy, NC 27030



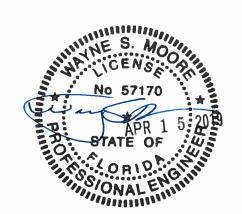




, v v	·	-		
				No 57170
MOORE AND A ENGINEERING AND (CONSULTING, INC.	DRAWN BY: LT CHECKED BY: PDH	30'-0"x20'-	ULAR BUILDING SYSTEMS 0" ENCLOSED BUILDING EXP. B DE SEAL COVER SHEET JOB NO:
THIS DOCUMENT IS THE PROPERTY OF MODRE CONSULTING. THE UMANTHORIZED REPRODUCTION THIS DOCUMENT IS STRICTLY PROHIBITED AN BE SUBJECT TO LEGAL ACTION.	AND ASSOCIATES ENGINEERING AND DN, COPYING, OR OTHERWISE USE OF D ANY INFRINGEMENT THEREUPON MAY	PROJECT MGR: VSM CLIENT: TBS	DATE: 12-18-17 SHT. 1	SCALE: NTS 160225/173005 DVG. ND: SK-3 REV.: 4

DRAWING INDEX

<	SHEET 1	PE SEAL COVER SHEET
(SHEET 2	DRAWING INDEX
(SHEET 3	INSTALLATION NOTES AND SPECIFICATIONS
(SHEET 4	TYPICAL SIDE AND END ELEVATIONS
(SHEET 5	TYPICAL RAFTER COLUMN END AND SIDE FRAMING SECTIONS (BOX EAVE RAFTER)
(SHEET 6A	TYPICAL RAFTER COLUMN CONNECTION DETAILS (LACED COLUMN)
	SHEET 6B	TYPICAL RAFTER COLUMN CONNECTION DETAILS (DOUBLE COLUMN)
(SHEET 6C	TYPICAL RAFTER COLUMN CONNECTION DETAILS (SINGLE COLUMN)
	SHEET 7	TYPICAL RAFTER COLUMN END AND SIDE FRAMING SECTIONS (BOW RAFTER)
<	SHEET 8A	TYPICAL RAFTER COLUMN CONNECTION DETAILS (DOUBLE COLUMN)
(SHEET 8B	TYPICAL RAFTER COLUMN CONNECTION DETAILS (SINGLE COLUMN)
	SHEET 9A	BASE RAIL ANCHORAGE OPTIONS
<	SHEET 9B	OPTIONAL FOUNDATION ANCHORAGE
	SHEET 10	TYPICAL END WALL AND SIDE WALL OPENING FRAMING SECTIONS (BOX EAVE RAFTER)
(SHEET 11	TYPICAL END WALL AND SIDE WALL OPENING FRAMING SECTIONS (BOW RAFTER)
<	SHEET 12	WALL OPENING DETAILS
	SHEET 13	LEAN-TO OPTIONS (BOX EAVE RAFTER)
<	SHEET 14	LEAN-TO OPTIONS (BOW RAFTER)
<	SHEET 15	VERTICAL ROOF/SIDING OPTION END AND SIDE ELEVATION AND SECTION
<	SHEET 16	OPTIONAL DOOR HEADER



ENGINEEDING AND CONSULTING INC	DRAWN BY: LT	TUBULAR BUILDING SYSTEMS 30'-0"x20'-0" ENCLOSED BUILDING EXP. B		
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INSTALLATION NOTES AND SPECIFICATIONS

- 1. DESIGN IS FOR A MAXIMUM 30'-0' WIDE x 20'-0' EAVE HEIGHT ENCLOSED STRUCTURES
- 2. DESIGN WAS DONE IN ACCORDANCE WITH THE 2017 FLORIDA BUILDING CODE (FBC) 6TH EDITION, 2012 INTERNATIONAL BUILDING CODE (IBC), AND 2015 IBC.
- 3 DESIGN LOADS ARE AS FOLLOWS
 A) DEAD LOAD = 1.5 PSF
 B) LIVE LOAD = 12 PSF
 C) GROUND SNOW LOAD = 10 PSF
- 4 LOW ULTIMATE WIND SPEED 105 TO 140 MPH (NOMINAL WIND SPEED 81 TO 108 MPH) MAXIMUM RAFTER/POST AND END POST SPACING = 50 FEET.
- 5 HIGH ULTIMATE WIND SPEED 141 TO 170 MPH (NOMINAL WIND SPEED 109 TO 132 MPH) MAXIMUM RAFTER/POST AND END POST SPACING = 40 FEET.
- 6 LOW HAZARD RISK CATEGORY I (WIND)
- 7. WIND EXPOSURE CATEGORY B
- 8 SPECIFICATIONS APPLICABLE TO 29 GAUGE METAL PANELS FASTENED DIRECTLY TO 2 1/2' x 2 1/2' 14 GAUGE TUBE STEEL (TS) FRAMING MEMBERS. FOR VERTICAL PANELS, 29 GAUGE METAL PANELS SHALL BE FASTENED TO 18 GAUGE HAT CHANNELS (UNLESS DTHERWISE NOTED).
- 9 AVERAGE FASTENER SPACING ON-CENTERS ALONG RAFTERS OR PURLINS, AND POSTS, INTERIOR = 9° OR END = 6°, (MAX)
- 10 FASTENERS CONSIST OF #12-14x3/4" SELF-DRILLING FASTENER (SDF), USE CONTROL SEAL WASHER WITH EXTERIOR FASTENERS SPECIFICATIONS APPLICABLE ONLY FOR MEAN ROOF HEIGHT OF 20 FEET OR LESS, AND ROOF SLOPES OF 14" (3:12 PITCH) OR LESS SPACING REQUIREMENTS FOR OTHER ROOF HEIGHTS AND/OR SLOPES MAY VARY.
- 11 GROUND ANCHORS SHALL BE INSTALLED THROUGH BASE RAIL WITHIN 6° OF EACH RAFTER COLUMN ALONG SIDES
- 12. GROUND ANCHORS (SDIL NAILS) CONSIST OF #4 REBAR W/WELDED NUT × 30' LONG IN SUITABLE SDIL CONDITIONS MAY BE USED FOR LOW (< 108 MPH NOMINAL) WIND SPEEDS DNLY, OPTIONAL ANCHORAGE MAY BE USED IN SUITABLE SDILS AND MUST BE USE IN UNSUITABLE SDILS AS NOTED.
- 13 OPTIONAL BASE RAIL ANCHORAGE MAY BE USED FOR LOW AND MUST BE USED FOR HIGH WIND SPEEDS
- 14 WIND FORCES GOVERN OVER SEISMIC FORCES SEISMIC PARAMETERS ANALYZED ARE-

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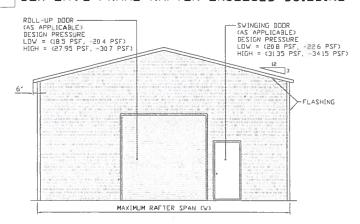
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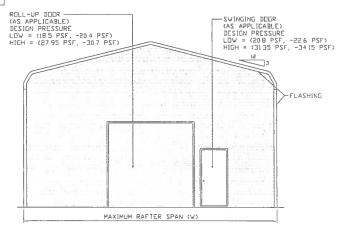
BOX EAVE FRAME RAFTER ENCLOSED BUILDING



TYPICAL END ELEVATION-HORIZONTAL ROOF

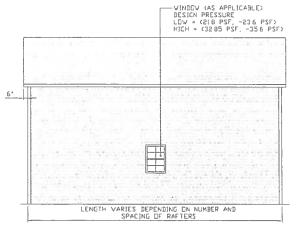
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BOW FRAME RAFTER ENCLOSED BUILDING

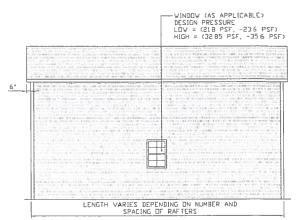


TYPICAL END ELEVATION

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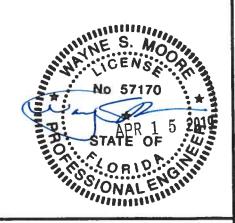


TYPICAL SIDE ELEVATION



TYPICAL SIDE ELEVATION-HORIZONTAL ROOF

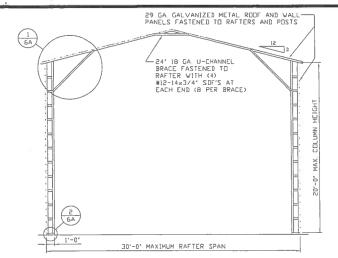
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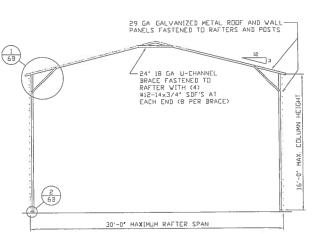
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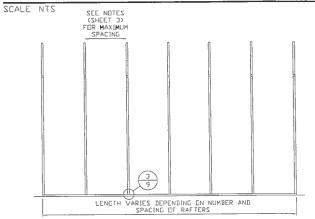


TYPICAL RAFTER/COLUMN END FRAME SECTION

TYPICAL RAFTER/COLUMN END FRAME SECTION



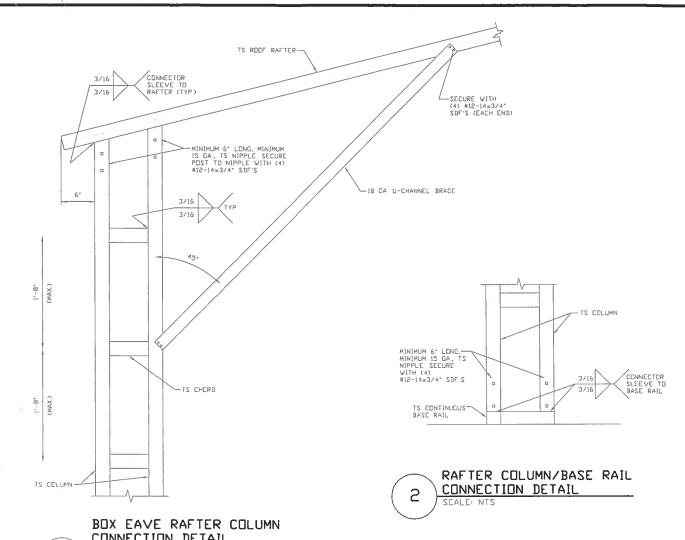
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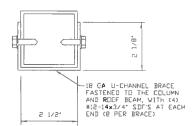
TYPICAL RAFTER/COLUMN SIDE FRAMING SECTION SCALE NTS



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BOX EAVE RAFTER COLUMN
CONNECTION DETAIL
FOR HEIGHTS 16'-0" < TO < 20'-0"



BRACE SECTION

No 57170

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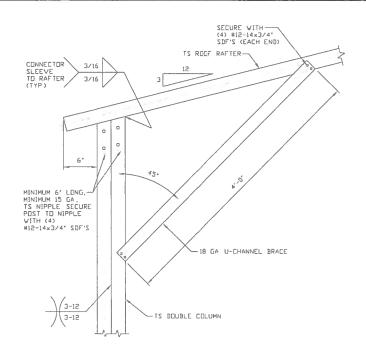
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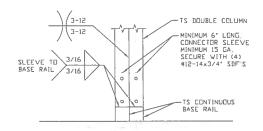
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PROJECT HGR: VSM	JOB NO: DATE: 12-18-17 SCALE: NTS 160225/173005				
CLIENT: TBS	SHT. 6A	DWG. NO: SK-3	REV: 4		

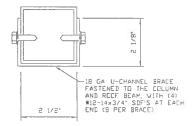


BOX EAVE RAFTER COLUMN CONNECTION DETAIL

FOR HEIGHTS 14'-0" < TO < 16'-0"



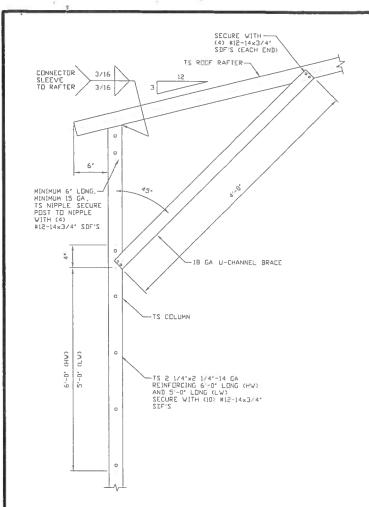
2 RAFTER COLUMN/BASE RAIL
CONNECTION DETAIL
SCALE NTS



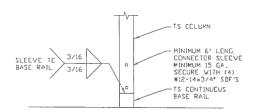
BRACE SECTION

ND ASSOCIATES

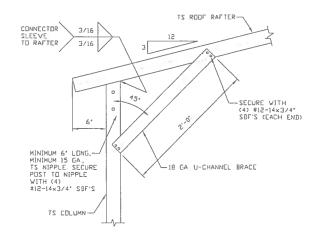
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BOX EAVE RAFTER COLUMN CONNECTION DETAIL FOR HEIGHTS 10'-0" < TO < 14'-0"



2 RAFTER COLUMN/BASE RAIL CONNECTION DETAIL
SCALE: NTS



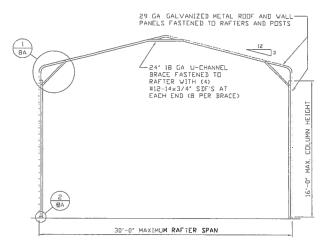
BOX EAVE RAFTER COLUMN CONNECTION DETAIL FOR HEIGHTS & 10'-0"

18 GA U-CHANNEL BRACE
FASTENED TO THE COLUMN
AND ROCE BEAM, WITH (4)
#12-14x3/4* SDF'S AT EACH
END (8 PER BRACE)

BRACE SECTION

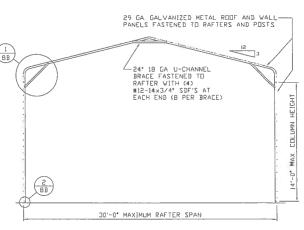


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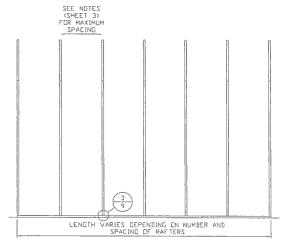


TYPICAL RAFTER/COLUMN END FRAME SECTION

SCALE: NTS



TYPICAL RAFTER/COLUMN END FRAME SECTION
SCALE NTS

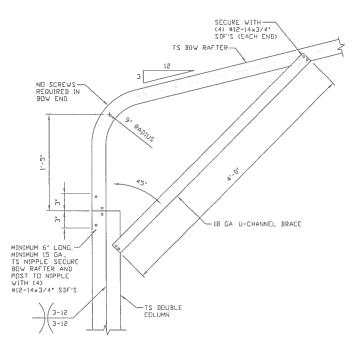


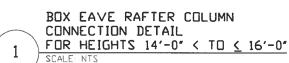
TYPICAL RAFTER/COLUMN SIDE FRAMING SECTION

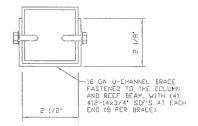
SCALE NTS



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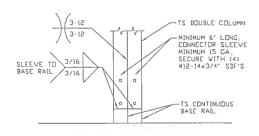




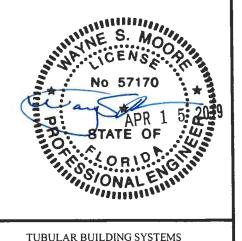


BRACE SECTION

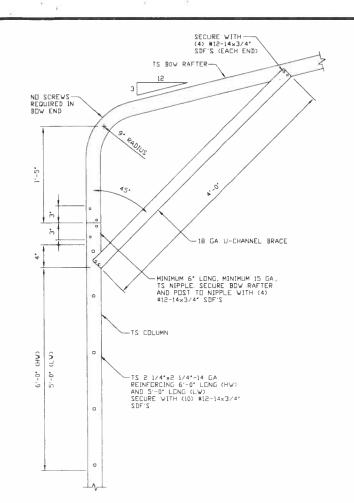
SCALE NTS



2 RAFTER COLUMN/BASE RAIL CONNECTION DETAIL SCALE NTS

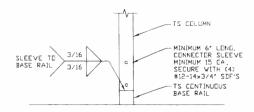


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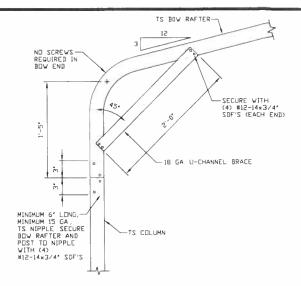


BOX EAVE RAFTER COLUMN CONNECTION DETAIL

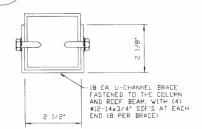
FOR HEIGHTS 10'-0" < TO < 14'-0"



2 RAFTER COLUMN/BASE RAIL CONNECTION DETAIL
SCALE: NTS

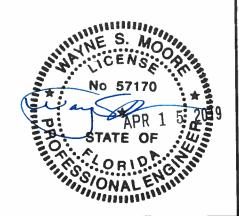


BOX EAVE RAFTER COLUMN CONNECTION DETAIL FOR HEIGHTS & 10'-0"



BRACE SECTION SCALE: NTS

1B

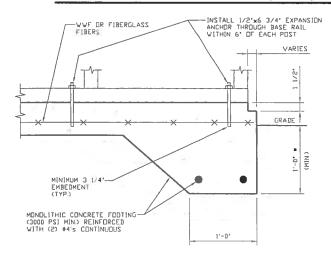


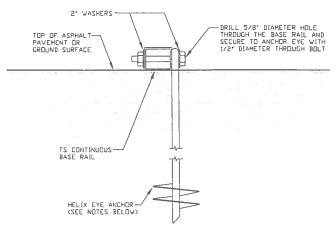
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CLIENT: TBS	SHT. 88	DWG. NO: SK-3	REV.: 4

BASE RAIL ANCHORAGE OPTIONS FOR LOW AND HIGH WIND SPEED





3A

CONCRETE MONOLITHIC SLAB BASE RAIL ANCHORAGE

(MINIMUM ANCHOR EDGE DISTANCE IS 4°)
* COORDINATE WITH LOCAL CODES/ORD

GROUND BASE HELIX ANCHORAGE 3B (CAN BE USED FOR ASPHALT) SCALE NTS

GENERAL NOTES

CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS

COVER OVER REINFORCING STEEL:

FOR FOUNDATIONS, MINIMUM CONCRETE COVER OVER REINFORCING BARS SHALL BE PER ACI-318

3 INCHES IN FOUNDATIONS WHERE THE CONCRETE IS CAST AGAINST AND PERMANENTLY IN CONTACT WITH THE EARTH OR EXPOSED TO THE EARTH OR WEATHER, AND 1 1/2 INCHES ELSEWHERE

REINFORCING STEEL:

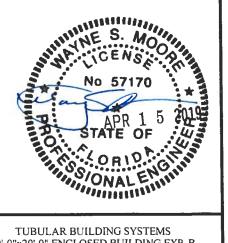
THE TURNDOWN REINFORCING STEEL SHALL BE ASTM A615 GRADE 60 THE SLAB REINFORCEMENT SHALL BE WELDED WIRE FABRIC MEETING ASTM A185 OR FIBERGLASS FIBER REINFORCEMENT

REINFORCEMENT MAY BE BENT IN THE SHOP OR THE FIELD PROVIDED:

- REINFORCEMENT IS BENT COLD
- 2 THE DIAMETER OF THE BEND, MEASURED ON THE INSIDE OF THE BAR, IS NOT LESS THAN SIX-BAR DIAMETERS
 3 REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT
- BE FIELD BENT

HELIX ANCHOR NOTES:

- I FOR VERY DENSE AND/OR CEMENTED SANDS, COARSE GRAVEL AND COBBLES, CALICHE, PRELDADED SILTS AND CLAYS USE MINIMUM (2) 4" HELICES WITH MINIMUM 30 INCH EMBEDMENT
- 2 FOR CORAL USE MINIMUM (2) 4" HELICES WITH MINIMUM 30 INCH EMBEDMENT
- 3 FOR MEDIUM BENSE COARSE SANDS, SANDY GRAVELS, VERY STIFF SILTS, AND CLAYS USE MINIMUM (2) 4' HELICES WITH MINIMUM 30 INCH EMBEDMENT
- 4 FOR LOGSE TO MEDIUM DENSE SANDS, FIRM TO STIFF CLAYS AND SILTS ALLUVIAL FILL USE MINIMUM (2) 6' HELICES WITH MINIMUM 50 INCH EMBEDMENT
- 5 FOR VERY LOSE TO MEDIUM DENSE SANDS, FIRM TO STIFFER CLAYS AND SILTS ALLUVIAL FILL USE MINIMUM (2) 8' HELICES WITH MINIMUM 60 INCH EMBEDMENT

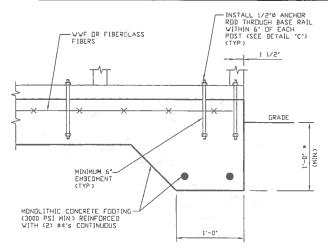


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OPTIONAL FOUNDATION ANCHORAGE FOR LOW & HIGH WIND SPEED



1A

CONCRETE MONOLITHIC SLAB BASE RAIL ANCHORAGE

(MINIMUM ANCHOR EDGE DISTANCE IS 1 1/2") * COORDINATE WITH LOCAL CODES/ORD

GENERAL NOTES

CONCRETE:

CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS

COVER OVER REINFORCING STEEL:

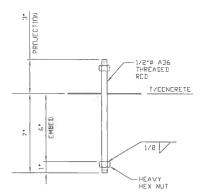
FOR FOUNDATIONS, MINIMUM CONCRETE COVER OVER REINFORCING BARS SHALL BE PER ACI-318
3 INCHES IN FOUNDATIONS WHERE THE CONCRETE IS CAST AGAINST AND PERMANENTLY IN CONTACT WITH THE EARTH OR EXPOSED TO THE EARTH OR WEATHER, AND 1 1/2 INCHES ELSEWHERE

REINFORCING STEEL:

THE TURNDOWN REINFORCING STEEL SHALL BE ASTM A615 GRADE 60. THE SLAB REINFORCEMENT SHALL BE WELDED WIRE FABRIC MEETING ASTM A185 OR FIBERGLASS FIBER REINFORCEMENT.

REINFORCEMENT MAY BE BENT IN THE SHOP OR THE FIELD PROVIDED:

- 1 REINFORCEMENT IS BENT COLD
 2 THE DIAMETER OF THE BEND, MEASURED ON THE INSIDE OF THE BAR, IS NOT LESS THAN SIX-BAR DIAMETERS
 3 REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT
- BE FIFI D BENT



10

ANCHOR ROD THROUGH BASE RAIL DETAIL

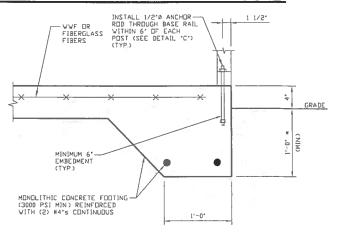
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SCALE NIS

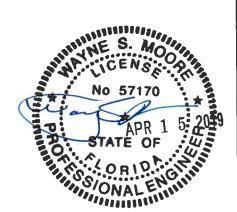
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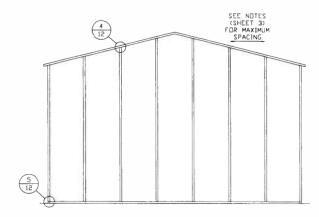
1B

CONCRETE MONOLITHIC SLAB BASE RAIL ANCHORAGE

SCALE: NTS (MINIMUM ANCHOR EDGE DISTANCE IS 1 1/2") * COORDINATE WITH LOCAL CODES/ORD

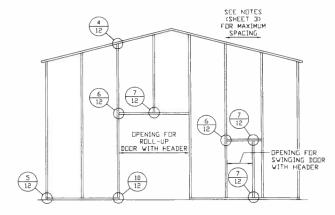


BOX EAVE RAFTER END WALL AND SIDE WALL OPENINGS



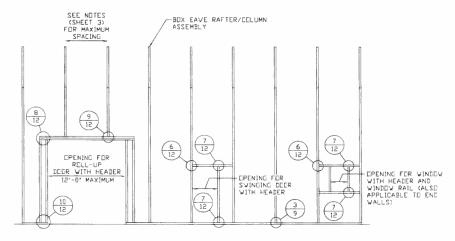
TYPICAL BOX EAVE RAFTER END WALL FRAMING SECTION

SCALE: NTS



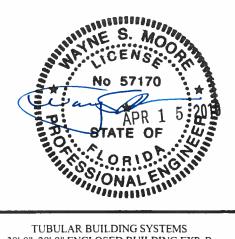
TYPICAL BOX EAVE RAFTER END WALL OPENINGS FRAMING SECTION

SCALE: NTS



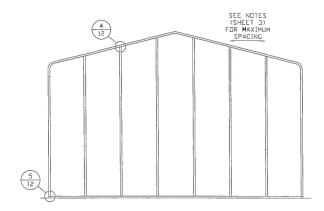
TYPICAL BOX EAVE RAFTER SIDE WALL OPENINGS FRAMING SECTION

SCALE: NTS



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BOW RAFTER END WALL AND SIDE WALL OPENINGS

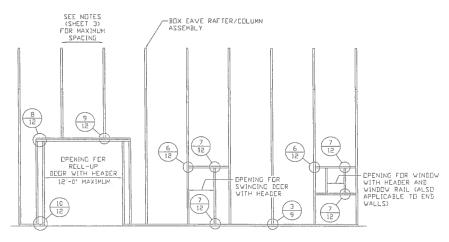


TYPICAL BOX EAVE RAFTER END WALL FRAMING SECTION

TYPICAL BOX EAVE RAFTER END WALL OPENINGS FRAMING SECTION

SCALE: NTS

SCALE: NTS



TYPICAL BOX EAVE RAFTER SIDE WALL OPENINGS FRAMING SECTION

SCALE NTS

No 57170

APR 1 5 2009

STATE OF

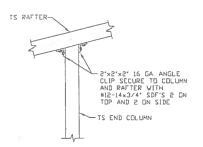
ORIO CITIENTS

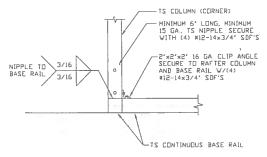
MOORE AND ASSOCIATES
ENGINEERING AND CONSULTING, INC.

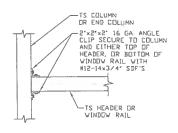
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DRAWN BY: LT		TUBULAR BUILDING SYSTEMS 30'-0"x20'-0" ENCLOSED BUILDING EXP. B			
PROJECT HGR: VSH	DATE: 12-18-17	SCALE: NTS	JOB NO: 160225/173005		
CLIENT: TBS	SHT. 11	DWG. NO: SK-3	REV.: 4		

BOW AND BOX EAVE RAFTER WALL OPENING DETAILS







END COLUMN/RAFTER CONNECTION DETAIL 4 SCALE: NTS

END COLUMN/BASE RAIL CONNECTION DETAIL SCALE: NTS

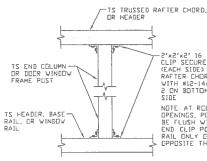
3/16

3/16

NIPPLE TO HEADER

HEADER OR WINDOW RAIL TO COLUMN CONNECTION DETAIL SCALE: NTS

6



-2'x2'x2' 16 GA ANGLE CLIP SECURE TO COLUMN (EACH SIBE) AND RAFTER CHORD/RAIL VITH #12-14x3/4' SDF'S 2 ON BOTTOM AND 2 ON

MINIMUM 6" LONG, MINIMUM 15 GA., TS NIPPLE SECURE EACH WITH (4) #12-14x3/4" SDF'S NOTE AT RELL-UP DEOR OPENINGS, POST SHOULD BE FLUSH WITH RAIL END CLIP POST TO RAIL ONLY EN SIDE OPPOSITE THE OPENING TS COLUMN

TS COLUMN NIPPLE TO HEADER MINIMUM 6' LENG, MINIMUM 15 GA, TS NIPPLE SECURE WITH (4) #12-14x3/4' SDF'S 3/16 TS DEUBLE HEADER

COLUMN TO HEADER, BASE RAIL, OR WINDOW RAIL CONNECTION DETAIL SCALE: NTS

DOUBLE HEADER/COLUMN CONNECTION DETAIL 8

COLUMN/DOUBLE HEADER CONNECTION DETAIL 9

TS COLUMN -MINIMUM 6' LENG MINIMUM 15 GA, TS NIPPLE SECURE EACH WITH (4) #12-14×3/4' SEF'S NIPPLE TO 3/16

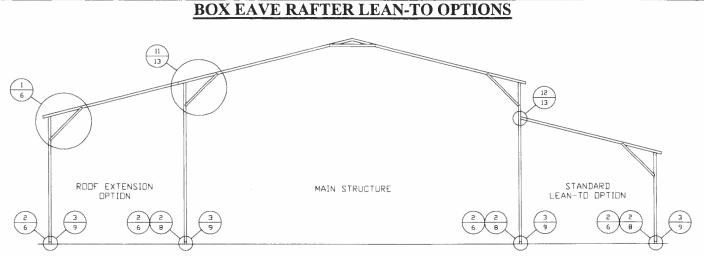
COLUMN/BASE RAIL CONNECTION DETAIL 10 SCALE NTS



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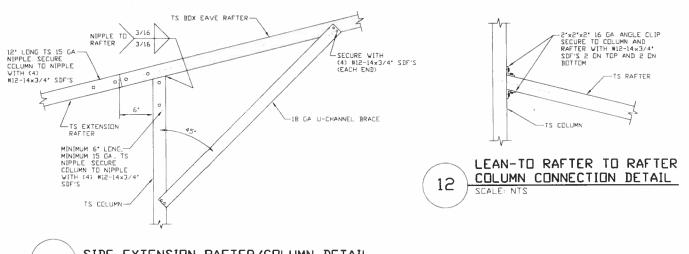
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CHECKED BY: PDH	30'-0"x20'-0" ENCLOSED BUILDING EXP. B				
PROJECT MGR: VSM	DATE: 12-18-17	SCALE: NTS	JOB NO: 16022\$/17300\$		
CLIENT: TBS	SHT. 12	DWG. NO: SK-3	REV: 4		



TYPICAL BOX EAVE RAFTER LEAN-TO OPTIONS FRAMING SECTION (BOTH OPTIONS SHOWN)

SCALE: NTS MAXIMUM WIDTH DF SINGLE MEMBER RAFTER LEAN-TO IS 16'-0".

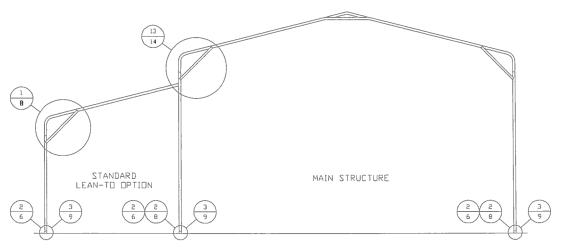


11A SIDE EXTENSION RAFTER/COLUMN DETAIL



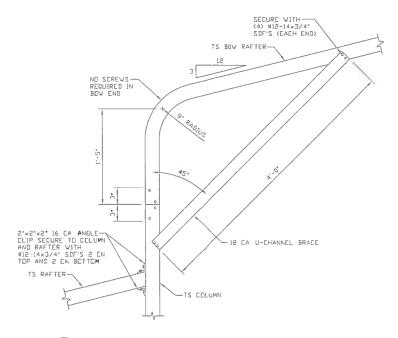
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BOW RAFTER LEAN-TO OPTIONS

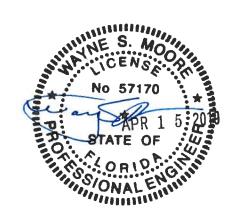


TYPICAL BOW RAFTER LEAN-TO OPTIONS FRAMING SECTION (BOTH OPTIONS SHOWN)

SCALE: NTS MAXIMUM WIDTH OF SINGLE MEMBER RAFTER LEAN-TO IS 16'-0'

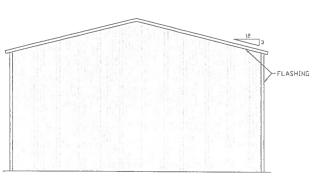


13 SIDE EXTENSION RAFTER/COLUMN DETAIL

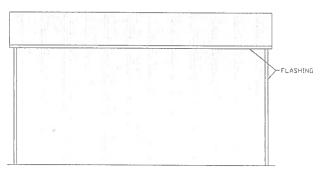


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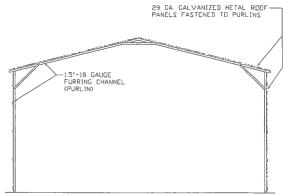
BOX EAVE RAFTER VERTICAL ROOF/SIDING OPTION



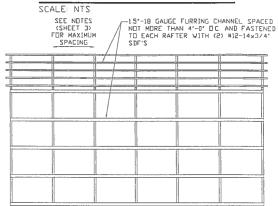
TYPICAL END ELEVATION
VERTICAL ROOF/SIDING OPTION



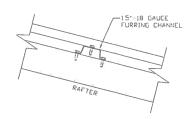
TYPICAL SIDE ELEVATION
VERTICAL ROOF/SIDING OPTION



TYPICAL SECTION VERTICAL ROOF/SIDING OPTION



TYPICAL FRAMING SECTION
VERTICAL ROOF/SIDING OPTION
SCALE NTS



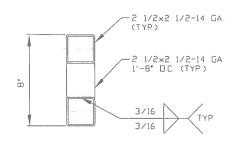
ROOF PANEL ATTACHMENT

(ALTERNATE FOR VERTICAL ROOF PANELS) SCALE NTS



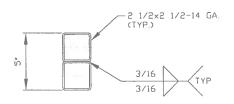
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OPTIONAL DOOR HEADER



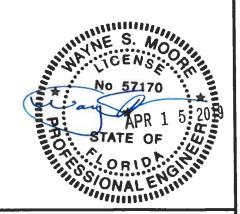
HEADER DETAIL FOR DOOR OPENINGS 12'-0" < LENGTH ≤ 15'-0"

SCALE: NTS



HEADER DETAIL FOR DOOR OPENINGS LENGTH <u><</u> 12'-0"

SCALE: NTS



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Florida Product Approval Codes

Roll-Up Doors:

Janus International Corporation Model 750: 21450.8

EXP 12/31/2019

Walk-In Door:

Elixir Door & Metal Company blank (no window): 17996.5

EXP 9/14/2020

Window:

Kinro 993.7

EXP 10/19/21

Roof Deck:

Capital Metal Supply Inc. Ag Panel: 20147.1

EXP 07/20/2020

Wall Panel:

Capital Metal Supply Inc. Ag Panel: 20148.1

EXP 07/20/2020

If you have any questions on concern, please contact Donald Little at 386-961-0006 or at tubularbuildingsystems@gmail.com.